



CENTERLINE TURNING POINT CONTROL		
C/L POINT	COORDINATES	
	NORTH (Y)	EAST (X)
6	730.306.65	19.457.442.25
7	730.182.65	19.457.926.64
8	729.803.44	19.459.101.83

CHANNEL LINE TURNING PT. CONTROL		
CHANNEL POINT	COORDINATES	
	NORTH (Y)	EAST (X)
T	730.398.27	19.457.471.81
W	730.215.96	19.457.937.39
Z	729.836.75	19.459.112.58
U	730.159.16	19.457.631.04
S	730.081.94	19.458.125.06
R	729.770.13	19.459.091.08

ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. FOR LAKE MICHIGAN, ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC. HYDRAULIC CORRECTOR OF 0.2 FEET APPLIED.

GRID SYSTEM BASED ON LAMBERT PROJECTION, MICHIGAN STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE (2112) 1983 NORTH AMERICAN DATUM, U.S. SURVEY FOOT.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

PROJECT DEPTH 18 FT.

CHANNEL LIMITS SHOWN THUS: ---

18 FT. CONTOUR SHOWN THUS: ---

SOUNDED ON: 4 MAY 2004  
POSITIONING METHOD: DGPS, USING C. G. BEACON CORRECTIONS  
VESSEL: LAUNCH 3033

NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
DRAWN BY		CHARLEVOIX HARBOR, MICHIGAN	
DESIGNED BY		CONDITION OF CHANNEL	
CHECKED BY		MAY 2004	
REVIEWED:		GRAND HAVEN AREA OFFICE	
SUBMITTED:		APPROVAL RECOMMENDED:	
CHIEF, PROJ. OPS. SEC.		CHIEF, DTS BRANCH	
APPROVED		DATE	
CHIEF, CONST. OPS. DIVISION		SCALE 1" = 100'	
		CADD FILENAME: CX02004.DGN	
		DRAWING NUMBER	
		SHEET 2 OF 2	